



കേരള ഗസറ്റ് KERALA GAZETTE

ആധികാരികമായി പ്രസിദ്ധപ്പെടുത്തുന്നത്
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PART IV

Private Advertisements and Miscellaneous

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(An undertaking of the Government of Kerala)

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E-TENDER NOTICE

No. PI-3462/2015/3648. 28th September 2015.

E-tenders are invited through www.etenders.kerala.gov.in for the supply, erection and commissioning of high speed four colour web offset printing machine in two bid system with the technical specifications attached.

TERMS AND CONDITIONS

1. All tenders/bid shall be accepted only through online mode (<https://etenders.kerala.gov.in>) and no manual submission of the same shall be allowed.
2. EMD for ` 1,20,000 for the item and cost of tender form (` 25,000+ tax) should be remitted through online.
3. Re submission of offer is possible, before last date as permitted in the site.
4. Offers are acceptable only up to 10.30 a.m.

on 26-12-2015.

5. Opening of Technical bid is scheduled at 10.30 a.m on 30-12-2015.
6. Prices should be quoted F.O.R. KBPS, Kakkanad, Ernakulam, Kerala.
7. If any taxes has to be paid extra this, and the rate of tax should be specified clearly in your offer/ BOQ.
8. The offer should be valid up to six months from the date of opening of the tender.
9. The scanned copy of the tender document and agreement ` 500 Kerala Stamp Paper duly filled and signed shall be submitted online and subsequently the original in a separate cover should reach the office of the undersigned on or before the opening time of the tender.
10. The copy of all the documents submitted online, should reach the office of the undersigned on or before the opening time of the tender.
11. All the rights to accept or reject whole or part of the tender without assigning any reason thereof is reserved by the undersigned/Sr. Officers like HOD's etc. The decision of Managing Director/ Sr. Officers like HOD's will be final and binding on the tenderer.

12. All rules and regulations of the Tender/bid shall be in accordance with the Stores Purchase Manual of the Govt. of Kerala.

Technical Specification

Key Technical Features and Specifications

Machine configuration (Left to Right)

Reel stand+Tension control+4HI Tower+Folder with Stacker+Sheeter

| | |
|---------------------------|---|
| 1 Reel Stand | One heavy duty reel stand—zero speed splicer with hoist for proper reel handling |
| 1.1 Maximum reel diameter | 1250 mm |
| 1.2 Paper Stock | 45 GSM to 100 GSM |
| 1.3 Maximum reel width | 860 mm (34") 914 mm (36") Half web printing capability is essential |
| 1.4 Core diameter | 75/76 mm |
| 2 Tension Control | One online paper tension control system with web guiding facilities |
| 3 Printing Module | One 4 HI tower capable of printing 4 colours |
| 3.1 Machine Speed | Min 40000 iph or more |
| 3.2 Cut off | 578 mm Image area essential is 565 mm or above |
| 3.3 Plate Cylinders | Narrow gap, Quick lock plate clamping system with anti corrosion coating |
| 3.4 Blanket cylinders | Reel rod lock up system with anti corrosion coating |
| 3.5 Inking system | 3 forme rollers with 3 vibrators Vibrator rollers must be drilled and tapped for chilled water circulation |
| 3.6 Ink control System | Remote ink control system with motorized ink keys at ducts |
| 3.7 Dampening system | Brush dampening |

4 Folder

Jaw type, 1:2, Tall former Capable of producing broad sheet/tabloid/quarter fold signatures. Must be capable of handling 2 webs at quarter fold

Must be adequately equipped with paper jam protection safety. Cross perforation facility for broadsheet (parallel) fold. Cutting rubber should be wide enough to allow for lap changes without relocating the cutting rubber. Cut to pin hole distance should not be more than 8 mm

5 Sheeter

Maximum 36" (914 mm) width, Paper stock range is 45 GSM to 100 GSM: speed should be compactable with machine speed.

Scissor knife cutting system.

6 Stacker

Ordinary stacker

Auxiliaries

1. Web break detection system at Printing module and folder
2. Motorized lateral and circumferential color registration system and automatic cut off system.
3. Refrigerated dampening water circulation system with automatic pH and conductivity display and control.
4. Web server at entry and exit of printing modules.
5. CIP3 capability.

Electrical and Drive components

1. Suitable D.C. motor and Drive which is capable of running upto two 4HI towers.
2. Machine must be equipped with stand alone operating console.
3. Power supply 415 V-50 Hz.

Optional Features

1. Online bar coding and numbering system for variable data printing
2. Online scanner for barcode checking
3. Additional paper tension control with web guiding system
4. Online perforation, slitter
5. UV drying system.

(Sd.)

Managing Director.